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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/915,727	07/26/2001	Ralph J. Locke	CNI-100-C	8203

7590 01/11/2005

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EXAMINER

FULLER, ERIC B

ART UNIT	PAPER NUMBER
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1762

DATE MAILED: 01/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

LS

Office Action Summary	Application No.	Applicant(s)	
	09/915,727	LOCKE ET AL.	
	Examiner	Art Unit	
	Eric B Fuller	1762	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 October 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7,9-11 and 13-47 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7,9-11 and 13-47 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-7, 9-11, 13-20, 22-29, and 33-47 are rejected under 35 U.S.C. 103(a) as being unpatentable over Primeaux, II et al. (US 5,962,618) in view of Langeman (US 6,025,045).

Primeaux teaches an elastomer coating material for use on a substrate. The coating material comprises an amine-terminated polyether polyol (column 4, lines 43-45) having a molecular weight greater than about 1500 and an amine equivalent weight greater than about 750 (column 4, lines 43-52) and an isocyanate compound (column 3, line 16). When mixed, these materials react to form a polyurea and cures substantially instantaneously (column 10, lines 13-28). The materials are mixed such that predetermined tensile strength, hardness, and flexibility are achieved (column 2, lines 49-67). Since this reference is applying the material to a large substrate such as a rail car and no means are taken to heat or cool the car, this reference reads on applying the material to the substrate at ambient temperatures and pressures. The flexibility of the coating reads on attenuating vibration (column 2, lines 35-40). Additionally, since the

Art Unit: 1762

coating taught by Primeaux is the same as the coating claimed by the applicant, it would be inherent that the coating of Primeaux would act to attenuate vibration, noise, and harshness. The reference fails to explicitly teach that the coating is applied to at least one body component of an automobile passenger vehicle.

However, Langeman teaches that spray-on truck bed liners require abrasion and impact resistance for loading and loading cargo (column 2, lines 8-46). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to use the composition taught by Primeaux as the spray-on bed liner taught by Langeman. By doing so, one would have a reasonable expectation of success as Primeaux teaches that the coating provides impact resistance for loading and unloading of cargo and Langeman teaches that spray-on bed liners require such characteristics. The coating of Primeaux reads on the applicant's claimed coating, as shown in the previous Office Action. The truck bed of Langeman reads the substrate of the applicant's claims. Langeman teaches applying trim work to the cured spray-on bed liner (column 2, lines 65-67).

Claims 21 and 30-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Primeaux, II et al. (US 5,962,618) in view of Langeman (US 6,025,045), as applied to claims 20 and 25 above, and further in view of Barron et al. (US 5,525,681).

Primeaux, in view of Langeman, teaches the limitations of claims 20 and 25, as shown above, but fails to explicitly teach the filler being fibers. However,

Art Unit: 1762

Barron teaches that polyurea compositions are reinforced with glass fibers (column 10, lines 35-43). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to use glass fibers as a filler in the process taught by Primeaux, in view of Langeman. By doing so, one would reap the benefits of the composition being reinforced.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-7, 9-11, 13-47 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-29 of U.S. Patent No. 6,291,019 B1. Although the conflicting claims are not identical, they are not patentably distinct from each other because all the limitations presented in the present claims are met by the claims of the patent. The differences are obvious variants of one another.

Response to Arguments

Applicant argues that the rejections of the previous Office Action fail to teach the limitation of applying trim work to the cured product, as has been added by amendment. This is not found convincing. It has been shown above that Langeman explicitly teaches this limitation in column 2, lines 65-67.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

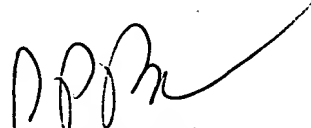
A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric B Fuller whose telephone number is (571) 272-1420. The examiner can normally be reached on Mondays through Thursdays.

Art Unit: 1762

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shrive P Beck, can be reached on (571) 272-1415. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


EBF
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SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1700